

CLAIMS

1. (Currently Amended) A scanning An apparatus, comprising:
a scanning platform, ~~on which is placed~~ to hold a document ~~sheet~~ having a front side and ~~an opposite~~ a reverse side;
a track ~~having racetrack~~, ~~assembled in the scanning apparatus in a manner to include~~ a first track portion and a second track portion that are configured to ~~connected to each other in a manner to~~ oppositely face the scanning platform; and
a scanning module, ~~slidably mounted to the racetrack to slide there along~~ the track and to capture images of the front and reverse sides of the document ~~sheet~~.
2. (Currently Amended) The apparatus of claim 1, wherein the track ~~racetrack~~ is formed with a U-shaped contour.
3. (Currently Amended) The apparatus of claim 1, wherein the track ~~racetrack~~ is formed with a closed contour around the scanning platform, along which the scanning module is capable of cyclically sliding.
4. (Currently Amended) The apparatus of claim 1, wherein the scanning module includes an engaging end that slidably engages with the track ~~racetrack~~ to achieve a slidable connection there between.
5. (Currently Amended) The apparatus of claim 1, wherein the engaging end of the scanning module is formed in a T-shape to slidably engage a longitudinal slot running along the track ~~racetrack~~.
6. (Currently Amended) The apparatus of claim 1, wherein the engaging end of the scanning module is formed in a spherical shape to slidably engage a cylindrical cavity of the track ~~racetrack~~.

7. (Currently Amended) The apparatus of claim 1, wherein the engaging end of the scanning module is formed in a jaw-shaped engaging end that slidably engages with an I-shaped portion of the ~~track~~ racetrack.

8. (Currently Amended) A method ~~of scanning a document sheet having a front side and an opposite reverse side, the method comprising:~~

~~providing a scanning module;~~

~~providing a scanning platform;~~

~~placing the document sheet on the scanning platform; and~~

~~driving the a scanning module in motion along a first portion of a path that includes a first portion to scan a front side of a document on a scanning platform; and~~

~~driving the scanning module along a second portion of the path to scan a reverse side of the document on the scanning platform, where the first portion of the path and the second portion of the path are configured to oppositely face the scanning platform respectively facing the front and reverse sides of the document sheet to capture images of both front and reverse sides of the document sheet.~~

9. (Currently Amended) The method of claim 8, wherein a first image correction is performed before the scanning module starts scanning of the front side of the document sheet.

10. (Currently Amended) The method of claim 8, wherein a second image correction is performed before the scanning module starts scanning of the reverse side of the document sheet.

11. (Currently Amended) The method of claim 8, further comprises feeding wherein the document sheet is placed on the to a scanning platform by being fed along in a direction orthogonal to the ~~sliding direction of a direction~~ the scanning module is driven along the path.

12. (Currently Amended) The method of claim 8, ~~wherein after the scanning of the document sheet has been accomplished, further comprises releasing the document sheet is released along in~~ a direction orthogonal to the ~~sliding a direction of the scanning apparatus is driven along the path~~.

13. (New) A device comprising:
a path having a first portion and a second portion that are configured to oppositely face a scanning platform configured to hold a document; and
a scanning module to move along the path and capture one or more images of a front side of the document and a reverse side of the document.

14. (New) The device of claim 13, wherein the path includes a third portion coupled between the first portion and the second portion, the third portion of the path having a contour that rotates the scanning module from facing the front side of the document to facing the reverse side of the document.

15. (New) The device of claim 14, wherein the path includes a fourth portion coupled between the first portion and the second portion, the fourth portion of the path having a contour that rotates the scanning module from facing the reverse side of the document to facing the front side of the document.

16. (New) The device of claim 13, further comprising a document feeder to provide the document to the scanning platform for scanning by the scanning module.

17. (New) The device of claim 13, wherein the scanning module is configured to couple with the path.

18. (New) The device of claim 17, wherein scanning module includes a T-shaped member to engage a longitudinal slot running along the path.

19. (New) The device of claim 17, wherein scanning module includes a spherical shaped member to engage a cylindrical cavity of the path.

20. (New) The device of claim 17, wherein scanning module includes a member to engage with an I-shaped portion of the path.